

# RSA to DUO



U.S. DEPARTMENT OF  
**ENERGY**

Office of  
Science

# What is Changing ?

- ITD plans to replace the current RSA authentication product with DUO.
- This affects anyone who uses RSA to log in remotely through VPN, the ssh gateway server (ssh.pbn.bnl.gov), or accesses cadops.pbn.bnl.gov remotely to view web pages.
- ITD has scheduled this to happen lab wide on  
**April 18<sup>th</sup> at 12 pm.**

# Why is it Changing ?

- RSA tokens are set to expire April 30<sup>th</sup>.
- ITD decided to move to a new platform instead of renewing, for the following reasons:
  1. Easier to administer.
  2. Less expensive in the long run.
  3. Implementation is more flexible.

# What Should I Do ?

- Establish a DUO account.
- ITD has provided a web page to guide users through the process :  
<https://www.bnl.gov/duo>
- There is also a link on the Controls home page that contains some basic information, links, a FAQ, **tests** and a schedule :  
<http://www.cadops.bnl.gov/Controls>

# What Are The Major Differences ?

- Unlike RSA a **code is not necessary** to log in. Just enter your **regular BNL user id and password**.
- Two factor authentication.  
When you attempt to log in, you will receive a notification on your phone. You then need to acknowledge it in order to proceed

# What Is The Schedule ?

Controls has worked with ITD to establish a staggered schedule for CAD.

- **Wed Mar 29** (9am – 1pm)  
Controls will convert ssh gateway server (ssh.pbn.bnl.gov) from using local passwords to Centrify.  
It will still use RSA. **Users should verify they can still log in.**
- **Thur April 13** (12pm - 12:30pm)  
ITD will convert ssh gateway server to use DUO.  
RSA will still be used for VPN and access to cadops.
- **Tues April 18** (12pm)  
ITD will convert VPN and Captive Portal Server (controls access to [www.cadops.bnl.gov](http://www.cadops.bnl.gov)) to DUO.

# What Devices Are Supported ?

- iPhone & iPad
- Android
- BlackBerry
- Windows Phone
- Cell Phones & Landlines
- YubiKey (USB device for laptops, PCs)  
Recommended for regular cell phone users.

# FAQ (in order of popularity)

- **How do I use it ?**

When logging in (VPN,SSH) enter regular BNL user id and password. **You do not need a code to log in.**

You will receive a notification on your device that you will need to acknowledge.

- **I get a message saying it needs a passcode?**

Duo requires your phone to be password protected.  
You need to lock your phone.

**This is not a DUO passcode.**



# FAQ

- What if I don't have cellular or wi-fi reception ?

Now you need a code !

Tap the key icon in the DUO app, on your phone, to generate the code. Then, when you attempt to log in include the code after the password :

**<password>, <code>**

- How do I enroll with a basic cell phone ?

Even though you don't have the app, answer **yes** to “**Do you have DUO app installed**”. Then go to the log in page and select “Call Me”.

ITD recommends use of YubiKey instead.

There is a fee to BNL if cell phone is used.

# FAQ

- **How do I change enrollment information ?**

Just go back to the enrollment page <https://duo-enroll.bnl.gov>

- **Can I add more than one device ?**

Yes. Go to the enrollment page and then select “Add a new device”.

# FAQ

- I don't see an option for a “Push” just “Call me” or “SMS”.

During the activation process make sure you scan the on-screen barcode.

# Questions?

Contact Controls  
or

[www.cadops.bnl.gov/Controls](http://www.cadops.bnl.gov/Controls)

or

[www.bnl.gov/duo](http://www.bnl.gov/duo)